



surge suppressor, varistor with LED, 24-48 V AC, 50/60 Hz, 12-24 V DC, for contactors 3RT2.1 and auxiliary contactors 3RH2

product brand name	SIRIUS
product category	Surge suppressor
product designation	Varistor with LED
product type designation	3RT29
suitability for use	for 3RT2.1 contactors and 3RH2 auxiliary contactors
General technical data	
certificate of suitability	CE / UL / CSA
size of contactor	S00
Substance Prohibition (day/month/year)	10/01/2009
SVHC substance name	Lead CAS-No. 7439-92-1
Net Weight	0.007 kg
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	
• at 50 Hz rated value	24 ... 48 V
• at 60 Hz rated value	24 ... 48 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
control supply voltage at DC rated value	12 ... 24 V
design of the surge suppressor	Varistor
Ambient conditions	
ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +80 °C
Installation/ mounting/ dimensions	
mounting position	any
fastening method	clip-on
height	46 mm
width	28 mm
depth	9 mm
Approvals Certificates	
Environmental Product Declaration	
• global warming potential [CO2 eq] / during manufacturing	0.0885 kg
• global warming potential [CO2 eq] / during operation	6.96 kg
• global warming potential [CO2 eq] / after end of life	-0.0061 kg
• global warming potential [CO2 eq] / total	7.04 kg
Environment	General Product Approval

[Environmental Con-
firmations](#)



EMV	Test Certificates	Maritime application
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[Type Test Certific-
ates/Test Report](#)

[Special Test Certific-
ate](#)



Maritime application	other	Railway
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[Confirmation](#)

[Miscellaneous](#)



[Special Test Certific-
ate](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2916-1JJ00>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1JJ00>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1JJ00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1JJ00&lang=en



